

ABSTRACT OF THE DISCLOSURE

Disclosed herein are a radio transmission apparatus and a radio transmission method for readily controlling retransmission timing. A radio transmission method according to the present invention presets a frame cycle for retransmission, and transmits only packets whose receipt acknowledging information has not been received in receipt acknowledging information replies from a receiving apparatus to a transmitting apparatus in an unreceived packet retransmission and a packet retransmission on arrival of the frame cycle. Thus, timing for retransmission can be readily determined. Also, the retransmission timing is determined on the basis of timing in which a packet is actually transmitted. Therefore, the receipt acknowledging information replies can be returned as a combined reply.